

Data Analytics Student Research Projects

3rd Final Presentations

SRPConf2019

Thursday 05.12.2019

09:00 - 18:00

Timotheuskirche Saal

Samelsonplatz

Students will introduce the projects and report on the progress they have achieved since the last presentation. Each presentation will be **15~20 minutes** followed by a **10~15 minute** discussion and feedback.

Students, colleagues, employees from companies and the interested public are heartily welcome!

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| 09:00 - 09:10 | Welcome (Prof. Dr. Dr. Lars Schmidt-Thieme) |
| Session 1 (Chair: Mofassir ul Islam Arif) | |
| 09:10 - 09:40 | Group 8: Computer Aided Detection System for Lung Cancer using CT Scan Images Team: Anurag Pandey, Gulraiz Ali, Nourhan Ahmed, Sai Ram Reddy Pulcanti Supervisor: Lukas Brinkmeyer |
| 09:40 - 10:10 | Group 7: Box Office Return Prediction (BORP) using Movie Trailers Team: Diana Artiom, Raaghav Radhakrishnan, Kalaiselvan Panneerselvam, Muhammad Mehmood Ali, Muhammad Inzimum Saghir Supervisor: Mofassir ul Islam Arif |
| 20 minutes break (Poster Session) | |
| Session 2 (Chair: Hadi Samer Jomaa) | |
| 10:40 - 11:10 | Group 1: Cancer Detection Assistant Team: Alexander Busch, Alexandre Carey, Jorge Manuel Orozco Prado, Tolga Akar Supervisor: Hadi Samer Jomaa |

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| 11:10 - 11:40 | <p>Group 3: Exploring the influence of data aggregation in parking prediction Team: Daniela Thyssens, Shereen Elsayed, Arslan Tariq Hafiz, Shabanaz Chamurally Supervisor: Hadi Samer Jomaa</p> |
| 11:40 - 12:30 | PROJECT PITCHES |
| 90 minutes Lunch break (Poster Session) | |
| Session 3 (Chair: Ahmed Rasheed) | |
| 14:00 - 14:30 | <p>Group 5: Multi-Relational Classification for Image-based Recommendations Team: Baha Tanveer, Kiyoto Ikuma, Sathish Kumar Chandrasekaran, Sharmila Raghunadhan, Victor Uwaje, Jia-Jen Yang Supervisor: Ahmed Rasheed</p> |
| 14:30 - 15:00 | <p>Group 2: Volkswagen Mileage Forecast Team: Mario David Torres Aragon, Mohit Bansal, Miguel Angel Caldas Villamizar, Gökce Sucu, Nurbakyt Kulbatshayeva Supervisor: Rafael Drumond</p> |
| 15:00 - 15:30 | <p>Group 6: Academic Performance Prediction via Collaborative Filtering Team: Adel Morgan, Muhammad Bilal, Haider Shabbir, Sehadije Bakija, Rameez Ahmed Khan Supervisor: Ahmed Rasheed</p> |
| 20 minutes break (Poster Session) | |
| Session 4 (Chair: Randolph Schulz) | |
| 15:50 - 16:20 | <p>Group 4: Differentiable Neural Dictionaries In Supervised Learning Team: Alperen Dedeoglu, Philip Kurzendorfer, David Obando, Sebastian Pineda, Friedemann Schestag Supervisor: Randolph Schulz</p> |
| 16:20 - 16:50 | <p>Group 10: Learning the early stopping criterion using</p> |

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| | <p style="text-align: center;">Reinforcement Learning Team: Maryam Bahrami, Olasubomi Saheed Kasali, Niklas Rowohl Supervisor: Randolph Scholz</p> |
| 16:50 - 17:20 | <p style="text-align: center;">Group 11: Autonomous car control in different weather and road conditions using deep reinforcement learning Team: Mehran Amiri, John Robert, Godwin K. Namwamba, Famakin Olawole, Jayamalathi Selvakumar Supervisor: Jonas Falkner</p> |
| Closing Remarks | |